

# iDVR-PRO Viewer Software for Mac User Manual

ver 0.1

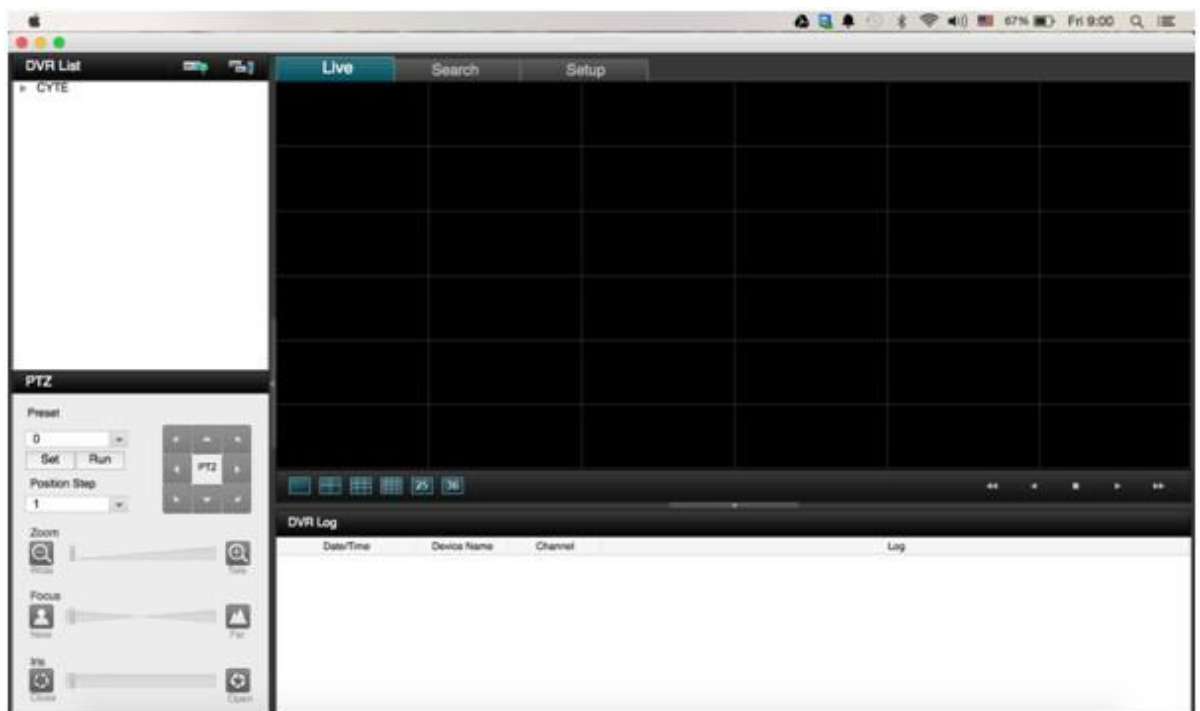
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# 1. Introduction

## 1.1 Summary

- These instructions are for the iDVR-PRO viewer software client for Apple Macintosh computers.
- This is a DVR viewer application that enables live remote monitoring and recorded video playback of iDVR-PRO CCTV DVRs.
- Below is the iDVR-PRO viewer for Mac main screen.



## 2. Install

### 2.1 Installation Guide

- Download the latest version of the iDVR-PRO viewer here and save to your Mac.
- Run the iDVR-PRO Viewer installer by double-clicking on it.



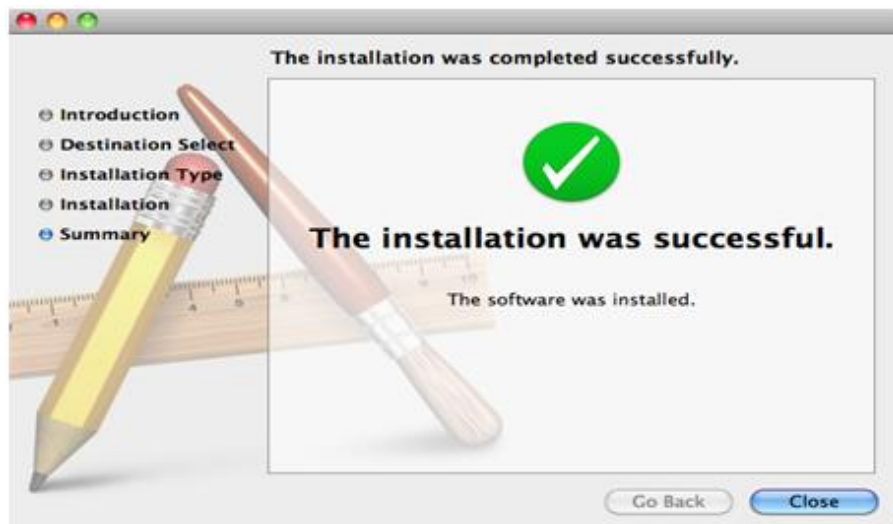
- Click the "Continue" button.



- Click the "Install" button.



- When installation completed, press the "Close" button.



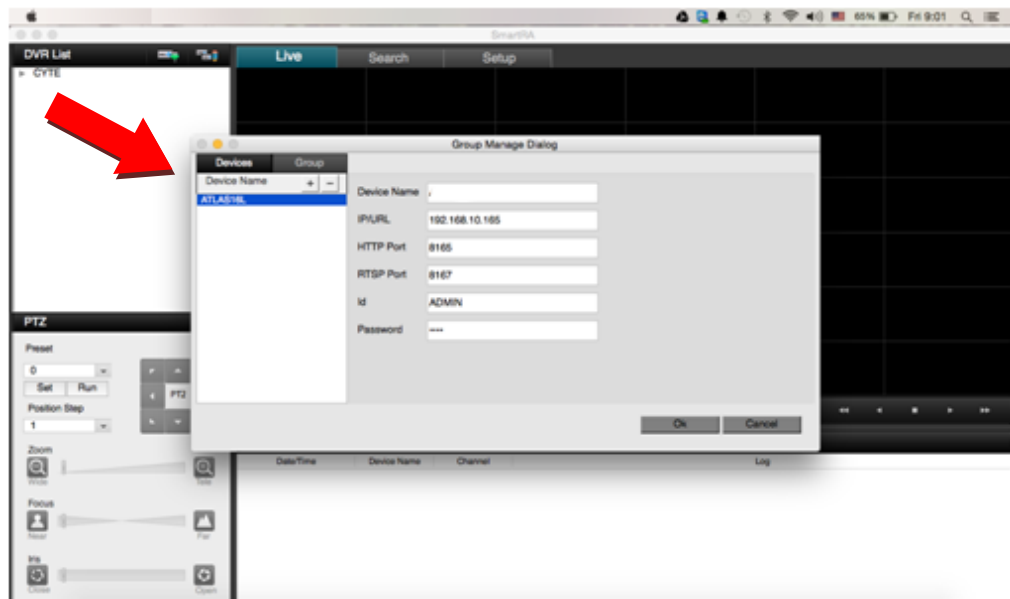
### 3. Add DVR configuration and connect

#### 3.1 Add DVR to iDVR-PRO viewer

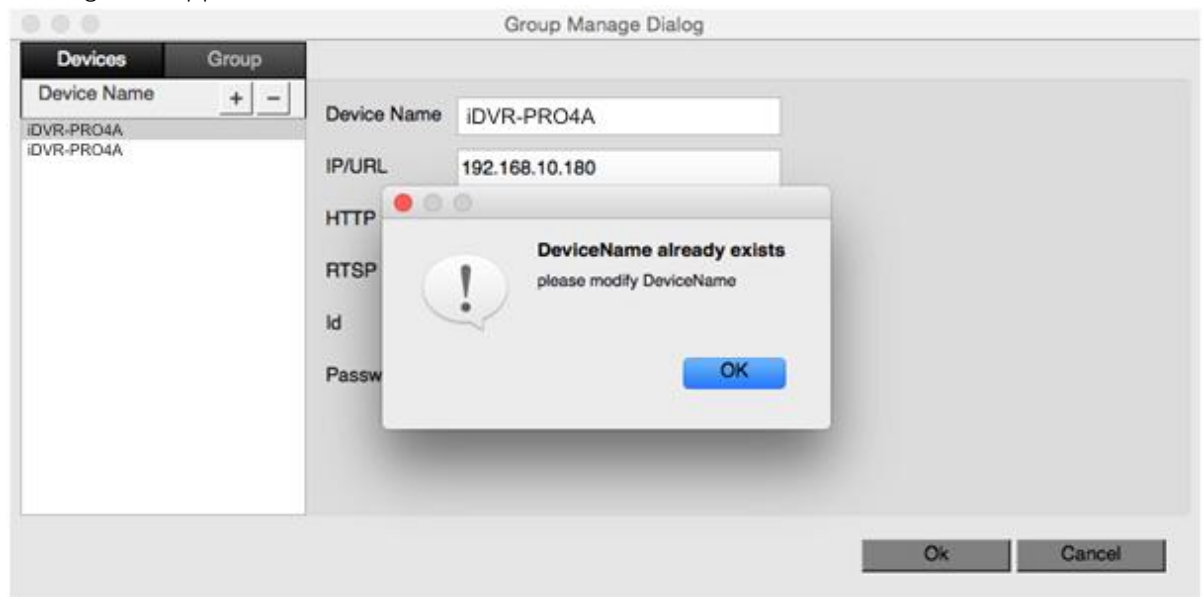
- Press Add button on DVR List tab.



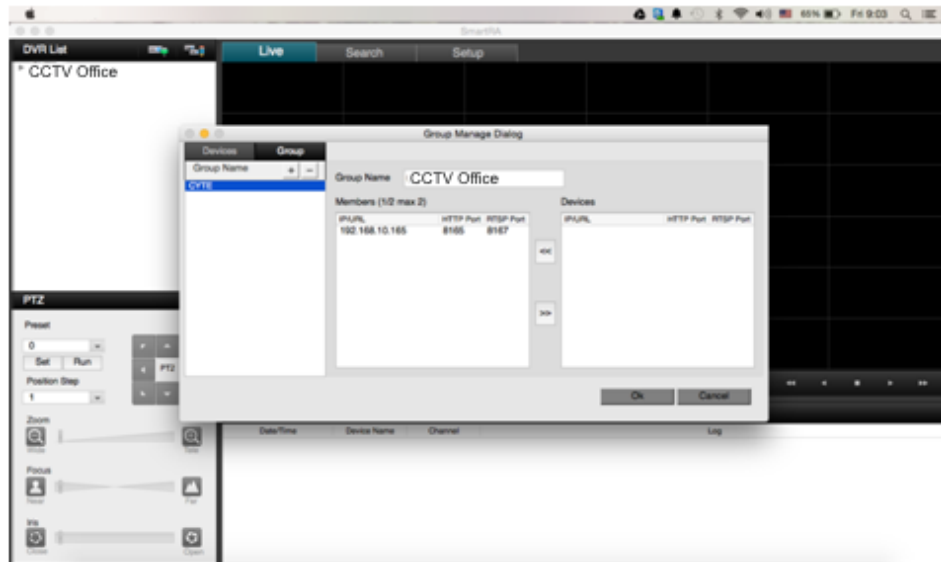
- Select Devices tab of Group Manage Dialog, then press “+ (add) button” and input DVR information.
- If press “- (delete) button”, delete DVR information to register.
- Input Device Name, IP/URL, HTTP Port, RTSP Port, Id, Password, then Press ‘Ok’ button.



- If you try to add a DVR with the same name as an existing one, a pop-up error message will appear.



- For input DVR, select Group tab, press “+ (add)” button, and create Group folder.
- If user press “- (delete)” button, delete Group folder to create.
- Group added to the DVR for up to 2 “<<” button is added through.
- After completion, press “OK” button.

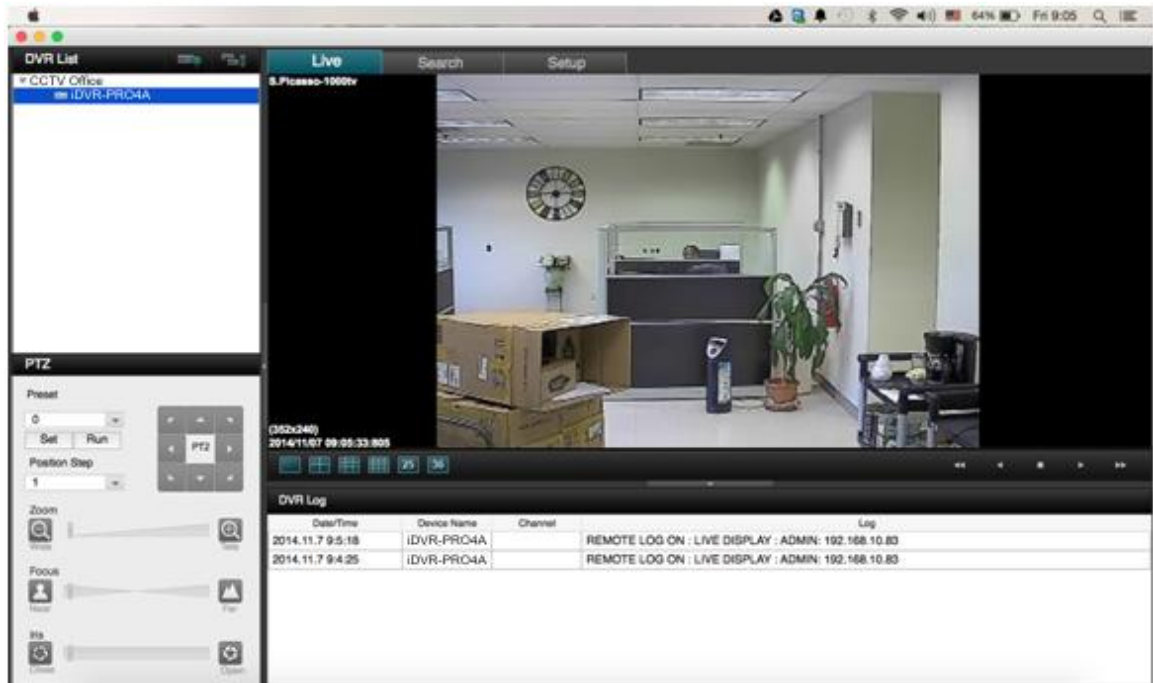


### 3.2 DVR connect

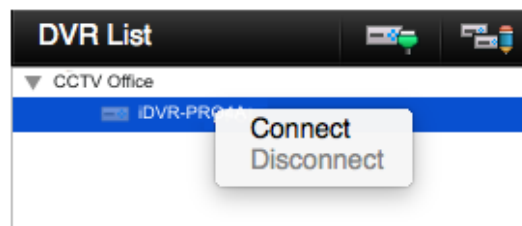
- Press connect button on DVR List tab.



- Press ‘Connect’ button, then display the video on live window.



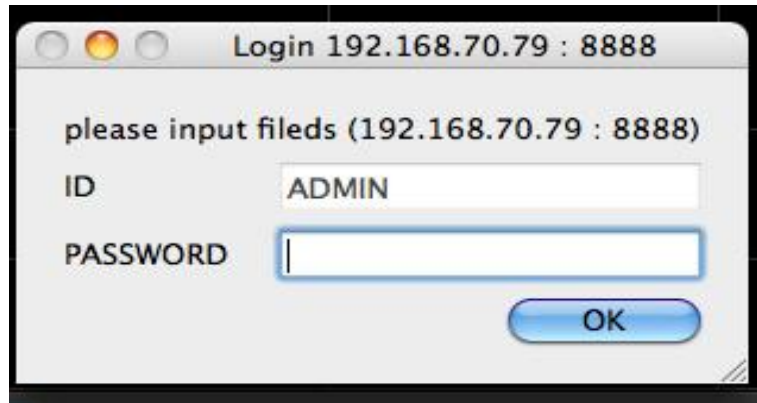
- To DVR List tab, if user click the right of the mouse after selecting DVR. User can select Connect. After that, DVR will be connected.



- To DVR List tab, if user clicks the right of the mouse after selecting group, All Disconnect will be pop-up.
- If user selects 'All Disconnect', DVR connection of selected group will be connected.

### 3.3 Log-in Pop-up function

- If you need to connect the DVR to enter Setup, if not in the Password to Log-in Pop window will appear.

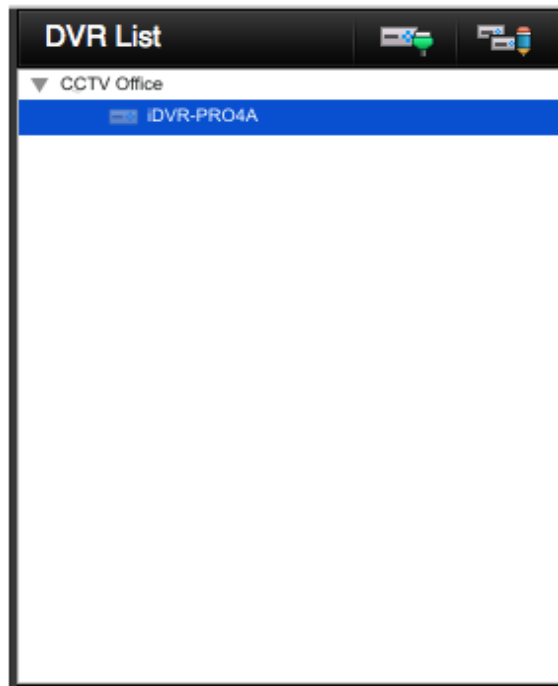


- If you don't input all ID/Password, Log-in dialog will be displayed in empty status.

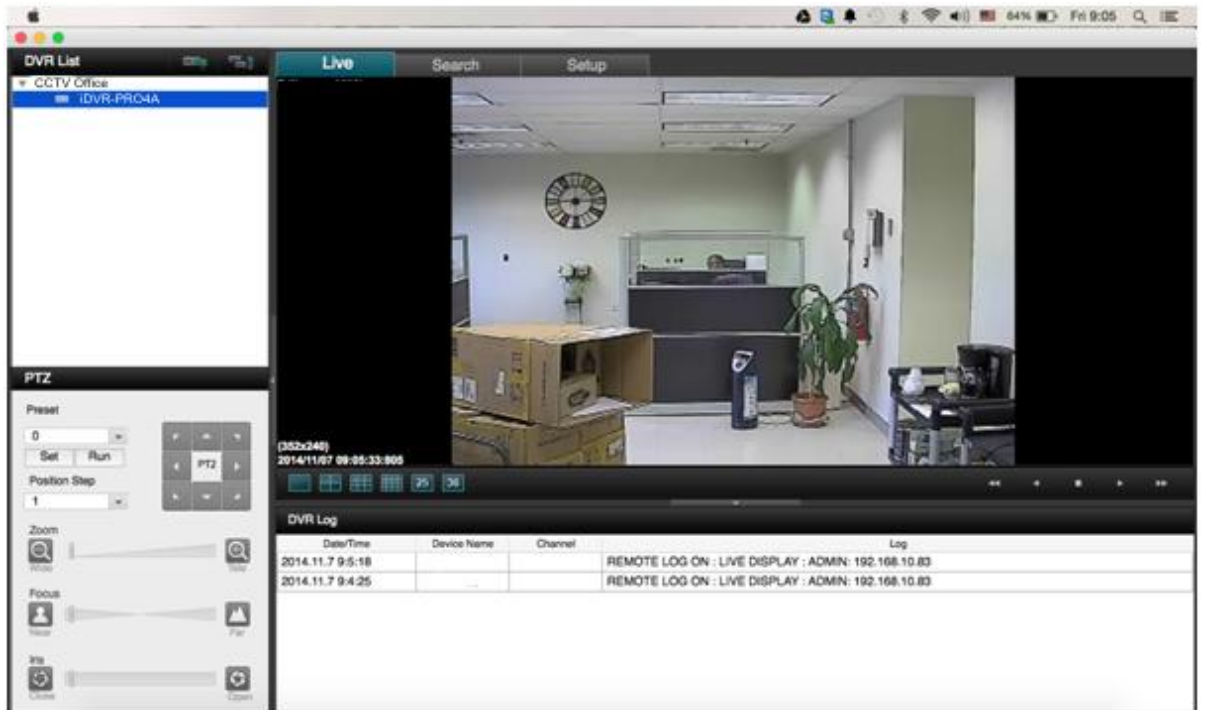
## 4. Live

### 4.1 Live Video Output

- Select DVR on DVR List to print of the live tab.



- User will see the selected DVR video on Live tab of IDVR-PRO Viewer in real-time.



(2 DVR connection on 4 split View)

- Video output split of live window can be changed by using split button of live tab to 1 / 4 / 9 / 16 / 25 / 36.



- DVR's Resolution per Camera time / Channel appear at the Live Screen.



#### 4.2 EVENT LOG Output

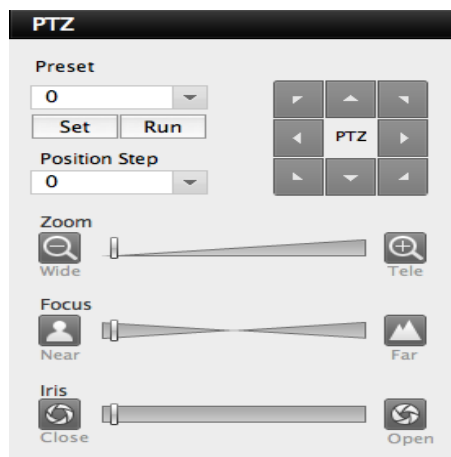
- When DVR is connected with DVR log window, below live tab video, real-time event of the shows occur.

- In case of happening to the Event from DVR, DVR Log window's Device Name/ Date / Time / Channel information is output as a String.

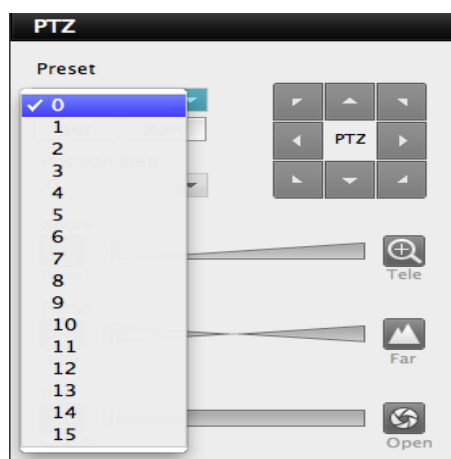
DVR Log			
Date/Time	Device Name	Channel	Log
2014.11.7 9:5:18			REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83
2014.11.7 9:4:25			REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83

#### 4.3 PTZ Control

- User can remotely control video of PTZ camera connected to DVR.
- Select PTZ camera on DVR List.
- User can con control PTZ on PTZ tab.

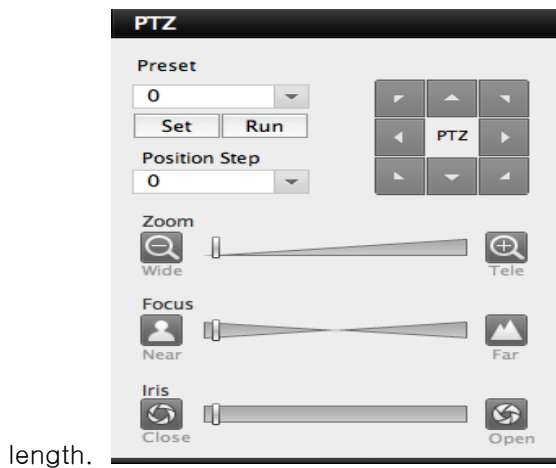


- User can adjust Preset from 0 to 225.
- After selecting value to Preset Combo Box, Run.



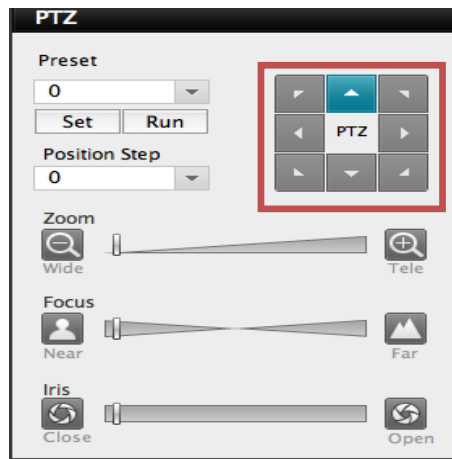
- User can adjust Position step from 1 to 10.
- Depending on the value in the Position step, Combo Box, moving to a different





length.

- PTZ camera is depending on PTZ Command.
- User can adjust by using arrow like Left / Right / Up / Down / Left up / Left down / Right up / Right down button.



- User can adjust Zoom / Focus / Iris of PTZ Camera.
- Zoom is operated to zoom out in Position Step length as working wide button, If user operates Tele button, the image is operated to zoom in Position Step length.
- If Near button is working, the camera focuses from the nearest. If Far button is working, the camera focuses from the far away.
- If user works Open button, run iris, and if works close button, close iris.

PTZ

Preset

0

Set

Run

Position Step

0

PTZ

Zoom

Wide

Tele

Focus

Near

Far

Iris

Close

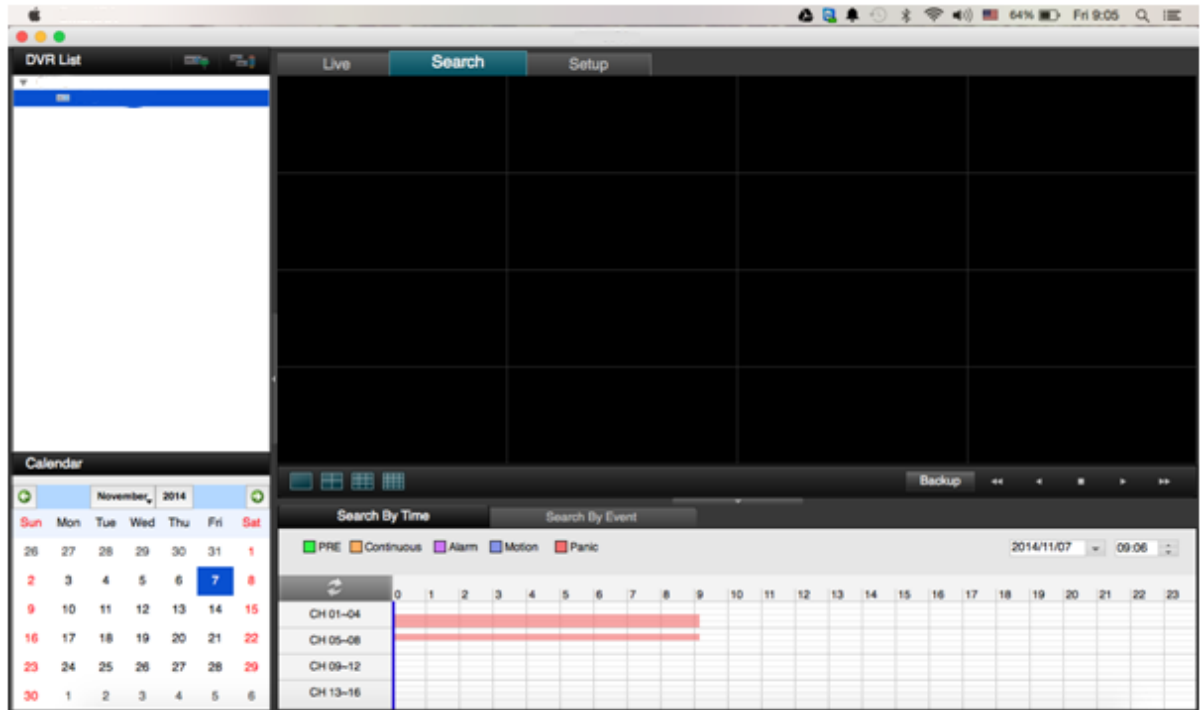
Open

13

## 5. Search

### 5.1 Search Video Output

- User can see the Recording image on Search tab.
- User can check the Recording DVR image of setting DVR List.



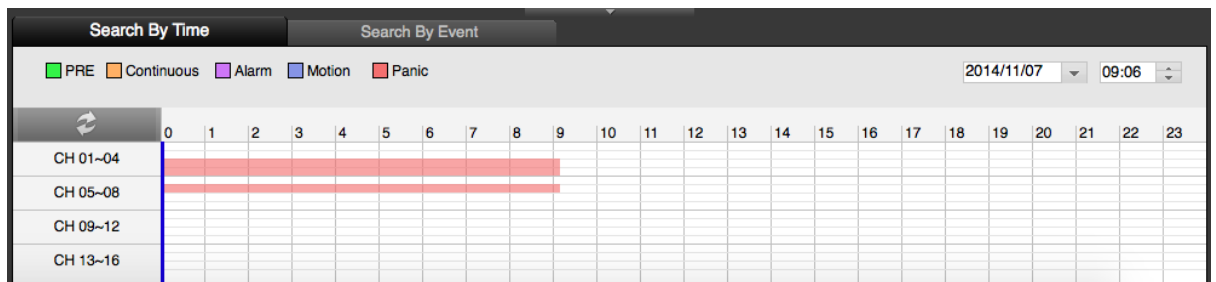
### 5.2 Search By Time

- Click the data that user want to search.



- Select Search By Time tab.
- The timeline on the right shows a 24 hour status of all channels for the selected day.

- User can Search using Timeline.



- Select Timeline, then play. User can see the image.



### 5.3 Search By Event

- Select Search by Event tab below Search.
- User can be possible to search All / Setup / Motion / S.M.A.R.T / System / Video Loss / Record / Alarm, etc per Event.

Search By Time

Search By Event

Event

☒ All
☒ Setup
☒ Motion
☒ S.M.A.R.T

☒ System
☒ Video Loss
☒ Record

☒ Alarm

From

2014/11/07

00:00

To

2014/11/07

09:06

Order

Nearest

Page Up

Page Down

Search

Date/Time	Device Name	Channel	Log
2014.11.7 9:5:18	IDVR-PRO4A		REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83
2014.11.7 9:4:50	IDVR-PRO4A		REMOTE LOG OFF : LIVE DISPLAY : ADMIN: 192.168.10.83
2014.11.7 9:4:25	IDVR-PRO4A		REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83

- Select Event to search and press Search button, user can see the image.
- .User can see the following log information.

Search By Time    Search By Event

Event

☒ All   
 ☒ Setup   
 ☒ Motion   
 ☒ S.M.A.R.T   
 From: 2014/11/07 00:00   
 To: 2014/11/07 09:06   
 Search

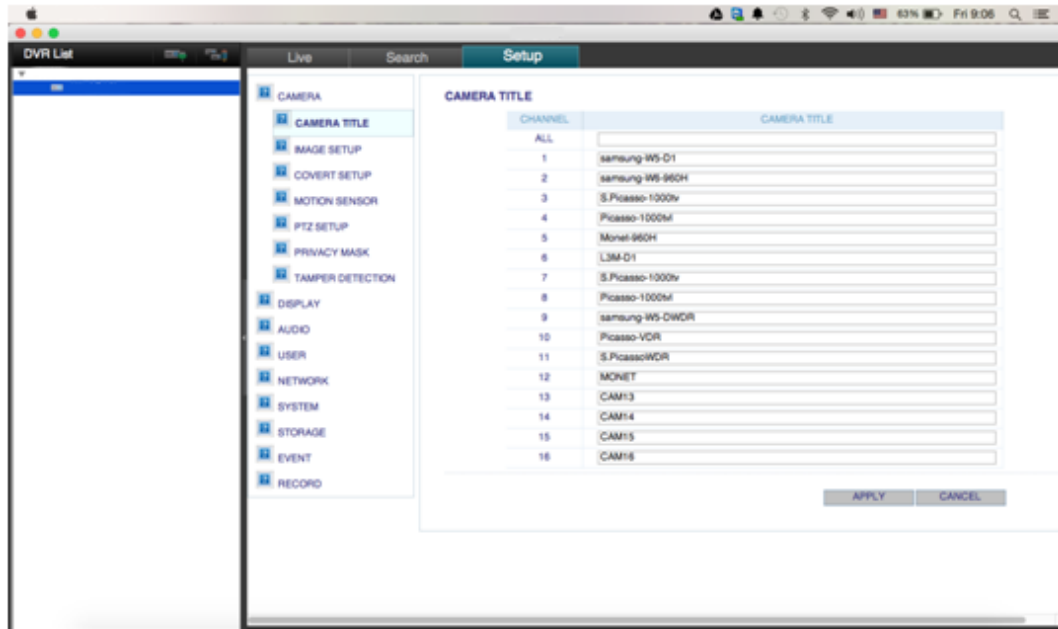
☒ System   
☒ Video Loss   
☒ Record   
 Order: Nearest   
 Page Up   
 Page Down

Date/Time	Device Name	Channel	Log
2014.11.7 9:5:18	IDVR-PRO4A		REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83
2014.11.7 9:4:50	IDVR-PRO4A		REMOTE LOG OFF : LIVE DISPLAY : ADMIN: 192.168.10.83
2014.11.7 9:4:25	IDVR-PRO4A		REMOTE LOG ON : LIVE DISPLAY : ADMIN: 192.168.10.83

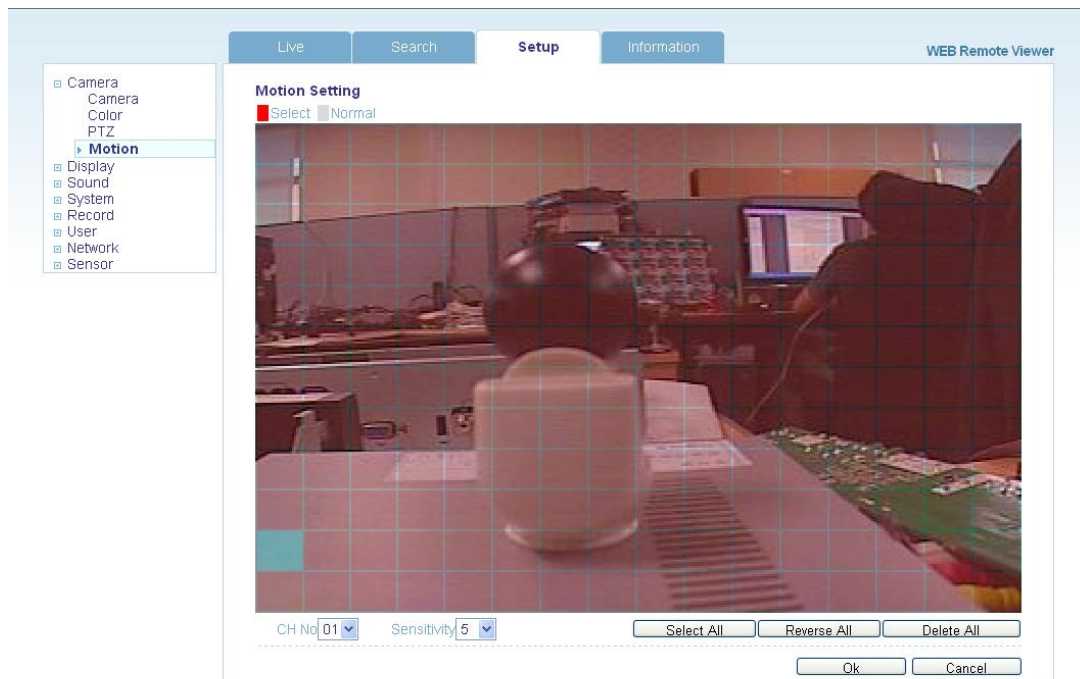
## 6. Setup

### 6.1 CAMERMA

- user can configure camera's attribute such as title, live color, PTZ setup or motion



- Motion setup for detecting motion events.



- 1) Select Motion menu tab.
- 2) Select a channel and sensitivity.
- 3) Drag a mouse on image for select detection area.
- 4) Press OK.

## 6.2 Display

- OSD – User allow to choose text display items over the image

The screenshot shows the 'Setup' tab of a security camera interface. The left sidebar lists various settings categories: Camera, Display, OSD (selected), Monitor, Sound, System, Record, User, Network, and Sensor. The main area is titled 'OSD Setting' and contains the following options:

Status Bar Timeout	10 Sec
Camera Title	On
Recording Mode Icon	On
Border	On
Border Color	Gray
Motion Sensor Display	Off
Motion Color	Blue
Language	English

At the bottom right of the settings area are 'OK' and 'Cancel' buttons.

- Monitor – user can set dwell time for sequence or spot, and pop up function

The screenshot shows the 'Setup' tab of a security camera interface. The left sidebar lists various settings categories: Camera, Display, OSD, Monitor (selected), Sound, System, Record, User, Network, and Sensor. The main area is titled 'Monitor Setting' and contains the following options:

Sequence Dwell	5 Sec
Spot Dwell	5 Sec
De-interlace Mode	Off
Alarm Pop-up Mode	Off
Alarm Pop-up Dwell	5 Sec
Motion Pop-up Mode	Off
Motion Pop-up Dwell	5 Sec

At the bottom right of the settings area are 'OK' and 'Cancel' buttons.

## 6.3 Sound

- Audio Setting – Select a live audio channel and activation
- Buzzer setting – Activate buzzer out for evnet notification

The screenshot shows the 'Setup' tab of a security camera interface. The left sidebar lists various settings categories: Camera, Display, Sound (selected), Audio/Buzzer (selected), System, Record, User, Network, and Sensor. The main area is divided into two sections: 'Audio Setting' and 'Buzzer Setting'.

**Audio Setting**

Live Audio	On
Default Audio Channel	1 CH
Network Audio Transmission	On
Network Audio Receive	On

**Buzzer Setting**

Keypad	On
--------	----

At the bottom right of the settings area are 'OK' and 'Cancel' buttons.

## 6.4 System

- User can configurable DATE of system, check system information and set controller.

The screenshot shows the 'Setup' tab in a web interface. On the left is a sidebar menu with options: Camera, Display, Sound, System, Date/Time, Management, Control Device, Record, User, Network, and Sensor. The 'Date/Time' option is selected. The main area is titled 'Date/Time Setting' and contains the following fields:

- Date Format: YYYY/MM/DD
- Time Format: 24 Hour
- Network Time Server Setup: POOLNTP.ORG
- Time Zone Setup: GMT+09:00 Asia/Seoul
- D.S.T: Off

At the bottom right are 'OK' and 'Cancel' buttons.

## 6.5 Recording

- User can configure the recording parameter, Setting detail is same as system.

The screenshot shows the 'Setup' tab in a web interface. On the left is a sidebar menu with options: Camera, Display, Sound, System, Record, Operation, Continuous / Motion, Alarm, Panic, Network Streaming, User, Network, and Sensor. The 'Continuous / Motion' option is selected. The main area is titled 'Continuous / Motion Recording Setting' and contains a table for configuring recording parameters for 16 channels (CH1 to CH16).

At the top of the table is a 'Size / FPS / Quality' header with a 'Activation' bar showing a timeline from 0 to 24 hours. The table has columns for 'Time', 'Size', 'Frame Rate', 'Quality', 'Audio', and 'FPS'. The 'FPS' column shows '0 Remained'.

Time	Size	Frame Rate	Quality	Audio	FPS
CH1	704 * 480	30	Super	Off	0
CH2	704 * 480	30	Super	Off	Remained
CH3	704 * 480	30	Super	Off	
CH4	704 * 480	30	Super	Off	
CH5	704 * 480	30	Super	Off	
CH6	704 * 480	30	Super	Off	
CH7	704 * 480	30	Super	Off	
CH8	704 * 480	30	Super	Off	
CH9	704 * 480	30	Super	Off	
CH10	704 * 480	30	Super	Off	
CH11	704 * 480	30	Super	Off	
CH12	704 * 480	30	Super	Off	
CH13	704 * 480	30	Super	Off	
CH14	704 * 480	30	Super	Off	
CH15	704 * 480	30	Super	Off	
CH16	704 * 480	30	Super	Off	

At the bottom right are 'Ok' and 'Cancel' buttons.

## 6.6 User

- Allow to add user, select Authority level and Log out time

	Manager	User
Setup	<input type="checkbox"/>	<input type="checkbox"/>
PTZ	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Search	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Archiving	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Web Viewer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 6.7 Network

- User can check the system's network information and selectable speed level. But IP settings are not allowed to change on remote site.
- Network IP only can set on system.

DHCP ☒

IP Address: 192.168.0.197

Subnet Mask: 255.255.255.0

Gateway: 192.168.0.1

DNS 1st Server: 192.168.0.1

DNS 2st Server: 0.0.0.0

RTSP Service Port: 1500

Web Server Port: 8000

Max TX Speed: 8192 Kbyte

DDNS: On

- For email notification, user can input the SMTP server detail on below setup.

Server:

Port: 25

Security: OFF

User:

Password:

From:

## 6.8 Sensor

- Management can set all device option of Alarm in/out, Buzzer out for event notification.
- (HDD EVENT, Alarm Input, Alarm output, Buzzer Out, E-mail notification option)

- All detail setup follow DVR system setup

Live Search **Setup** Information WEB Remote Viewer

☐ Camera  
☐ Display  
☐ Sound  
☐ System  
☐ Record  
☐ User  
☐ Network  
☐ Sensor  
     HDD Event  
     Alarm Input  
☒ **Alarm Output**  
     Buzzer Out  
     E-mail Notification

**Alarm Output Setting**

Alarm Out: CH 01  
 Operation: Enable  
 Mode: Transparent  
 Type: High  
 Duration: 5 Sec  
 HDD Event: Off

CH No	Alarm	Video Loss	Motion
All	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CH16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ok Cancel

## 6.9 INFORMATION

- Display Model name of DVR and WEB Remote Software version.

Live Search Setup **Information** WEB Remote Viewer

**Web Viewer Information**

DVR Model : 16CH / 480FPS  
 WEB Version : WEB\_v1.73\_1.2.0.1\_100817